

MICHIGAN STATE UNIVERSITY

East Lansing 48824

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Michigan State University

For more than 150 years, Michigan State University has been working to advance the common good in uncommon ways. Founded in 1855, MSU was a bold experiment that democratized higher education, offering qualified applicants an education that was both liberal and practical. The nation's first institution of higher learning to teach scientific agriculture, MSU was the prototype for the 69 land-grant institutions established under the federal Morrill Act of 1862. The original 677-acre campus in East Lansing has grown to nearly 5,200 acres today and 2,100 acres in existing or planned development. MSU has 19,600 acres throughout Michigan used for agricultural, animal, and forestry research.

Academics

One of the top research universities in the world and a member of the Association of American Universities, MSU offers nationally ranked and recognized programs in academics, residential colleges, and service-learning. MSU also leads the nation in study abroad among public universities. A diverse and inclusive academic community, in the fall of 2014 MSU enrolled more than 50,000 students from across the United States and over 130 other countries. More than 5,000 faculty and academic staff members engaged students and offered over 200 programs of study, including more than 120 doctoral fields, in 17 degree-granting colleges.

MSU claims the largest single-campus residence hall system in the country, and through a powerful network of close-knit campus communities and inclusive initiatives, enhances academic life for their students. MSU also offers students the opportunity to participate in groups of their choosing, from the more than 600 student organizations active on campus. Many of the 532,000+ alumni are using their MSU education and experiences to advance knowledge and transform lives worldwide.

Among other distinctions, MSU ranks 35th among America's public universities, according to *U.S. News & World Report* 2014 rankings. Its graduate programs in elementary and secondary education have ranked No. 1 in the nation for 20 years in a row. MSU's graduate programs in nuclear physics and organizational psychology and undergraduate program in supply chain management also rank No. 1. According to the Institute of International Education's Open Doors report, MSU has been a national leader in study abroad participation among public universities for ten consecutive years. In more than 175 countries, MSU has nearly 1,500 faculty members involved in international research, teaching, and service around the globe.

Michigan State is the only university in the country with three on-campus medical schools, graduating allopathic (MD) and osteopathic (DO) physicians, as well as veterinarians (DVMs). Community campuses across the state accommodate other MSU medical students. New physicians train in partnership with hospitals across the state. Skilled health care providers also are trained in the MSU College of Nursing.

Research

Working side-by-side with communities from Michigan to Malawi, MSU's research focuses on solving the world's most pressing problems. Research dollars and other grants for the University totaled \$528 million in 2014-15. MSU's research excellence and impact were exemplified in 2009 when the U.S. Department of Energy selected MSU to establish the Facility for Rare Isotope Beams. This \$680 million facility will advance understanding of rare nuclear isotopes to fuel breakthrough applications as it provides research opportunities for scientists and students from around the world.

Among recent pioneering research projects, MSU is creating disease-resistant fruits and vegetables that help feed the world. MSU has been improving the nation's and the world's alternative energy future through research on multiple fronts, including thermoelectric energy conversion, biofuels development, and battery storage technology. This research leads to preparing a new generation of urban educators who will make a positive impact on individuals and families in Michigan and beyond for years to come. MSU hopes this work will help empower the world's poorest by partnering to grow crops that slow climate change, while also increasing economic opportunity.

Through its participation in the Great Lakes Bioenergy Research Center, funded by the U.S. Department of Energy, MSU is conducting transformational biofuels research. Its \$10 million Energy and Automotive Research Laboratories complex is seeking environmentally responsible and economical ways to power transportation and industry. MSU's Kellogg Biological Station in Hickory Corners has served as a site for integrated research in agriculture, natural resource conservation and ecology since the 1920s.

In addition, MSU's AgBioResearch network (formerly the Michigan Agricultural Experiment Station, founded in 1888) performs research in laboratories and farm research plots across the State of Michigan. From MSU's East Lansing campus to research stations across the Upper and Lower Peninsulas, this network benefits Michigan agriculture, natural resources, and local communities.

Engagement and Economic Impact

MSU is a key player in the University Research Corridor (URC), a partnership with the University of Michigan and Wayne State University. Together, the URC is rising in the nation's top research and development clusters for producing patents, businesses, and graduates with high-tech-related degrees. The URC injected more than \$16.6 billion into Michigan's economy in fiscal year 2012 and research spending by the partner institutions grew to \$2 billion.

MSU's Office of Biobased Technologies seeks to integrate innovations in the lab with advances in the marketplace to enhance the economy, the environment and the quality of life in Michigan and around the globe. MSU Technologies encourages innovation, enhances research, and facilitates economic development through protecting and commercializing the university's intellectual property. MSU Business-CONNECT works with companies to align business goals with MSU's intellectual capacity and ability to deliver. The program draws on MSU's extensive base of human knowledge, source materials, high-end scientific facilities, invaluable international connections, and exceptional educational services. Additional MSU initiatives include University Outreach and Engagement, which connects faculty with external audiences to address community issues. Michigan State University Extension, founded in 1914, provides research-based educational programming — focusing on agriculture and natural resources — to citizens in nearly every county across Michigan.

Important to MSU's cultural outreach program are the Wharton Center for Performing Arts, a regional center for music and theater offerings; the Breslin Student Events Center, home of Spartan basketball; the MSU Libraries system, which houses more than 4.5 million volumes; WKAR-TV and the WKAR-AM and WKAR-FM radio stations; six public gardens, including Beal Botanical Garden, the oldest continuously operated garden teaching facility on a college campus in the nation; the MSU Museum, one of the state's largest public museums of natural and cultural history; Abrams Planetarium, which offers programming with a Digistar computer-graphics projector; and The Eli and Edyth Broad Art Museum, designed by world-renowned architect Zaha Hadid, which opened on campus in 2012.

	2012	2013	2014
Enrollment (fall head count)	48,906	49,300	50,085